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(54) **MAGNETIC-BASED SYSTEMS**

(57) The application provides a therapeutic system comprising a plurality of magnetic rotors, a magnet having a magnetic field and a gradient for controlling the magnetic rotors in a vasculature of a circulatory system, and a controller for positioning and rotating the magnetic field and the gradient in a manner to traverse the magnetic rotors with respect to a therapeutic target in the circulatory system, wherein the system can be operated in a vortexing mode, in which the magnetic field oscillates between a clockwise and a counter-clockwise direction of rotation.

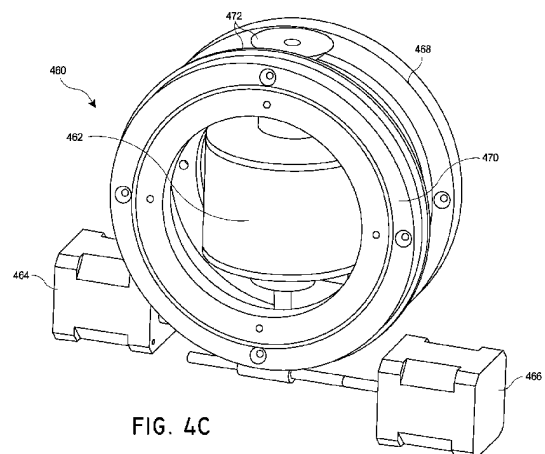


FIG. 4C



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Place of search The Hague		Date of completion of the search 14 May 2024	Examiner Emirdag, Eda
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